

**EMIL DAV PUBLIC SCHOOL, JILLING**  
**HOLIDAY HOME WORK FOR ALL THE SUBJECTS**

**ENGLISH**

- Write articles on the following topics-
  - i) Commercialization of education
  - ii) Problems of Old age
  - ii) Advantages of being Teenager
- Write a letter to the editor of a news paper giving your views on the election system of India.
- Write a letter to the manager of a general store placing order of some grocery items and some snacks and drinks as you have some guests in your house on the occasion of summer vacation.
- Write a letter to the superintendent of police of your district complaining about the unauthorized construction of a block of three shops adjacent to the public park in your town.
- Write an enquiry letter to the manager of a Kalyan Mandap at Joda if a date fixed by you is free or vacate or not booked because you want to hold your sister's marriage there and also enquire the facilities they are providing.
- Develop stories on the following cues.
  - i) As I reached home, I realized that I had forgotten the keys. There was still an hour for my brother to turn up. So I decided to go to the terrace...
  - ii) Mrs. Sharma alone in the house- having lunch – watching favorite serial- door bell rang – opened door – One Sadhu .....

**HINDI**

- वर्तमान समाज में हरिहर काका जैसे वृद्ध व्यक्तियों के लिए युवा पीढ़ी का क्या कर्तव्य है ?
- हरिहर काका एकदम मौन क्यों हो गए हैं ? इस कहानी से आपको क्या सीख मिली ?
- मीराबाई कौन-कौन से तर्क देकर श्रीकृष्ण से दर्शन देने की प्रार्थना कर रही है ?
- कृष्ण की चाकरी करने से मीरा को कौन-कौन से तीन लाभ मिलेंगे ?
- 'बड़े भाई साहब' नामक कहानी से आपको क्या शिक्षा मिलती है ? सोदाहरण स्पष्ट कीजिए ।
- एयर कंडीशन का निर्माण करने वाली एक कंपनी की ओर से अपने उत्पाद के लिए एक विज्ञापन तैयार कीजिए ।
- 'हिंदी भाषा के महत्त्व' के विषय में दो छात्रों के मध्य होने वाली संवाद को लगभग 50 शब्दों में लिखिए ।

**ODIA**

ପଦ୍ୟ : ମାନଗୋବିନ୍ଦଙ୍କ ମହାନତାର ପ୍ରଶ୍ଳୋଭର

ଗଦ୍ୟ : ଜନ୍ମଭୂମିର ପ୍ରଶ୍ଳୋଭର

ବ୍ୟାକରଣ : ବାକ୍ୟ ବିଚାର ( ସରଳ , ଯୌଗିକ , ଜଟିଳ , ମିଶ୍ର )

ରଢ଼ି ପ୍ରୟୋଗ ( କ୍ରିୟାହୀନ ରଢ଼ି , କ୍ରିୟାଯୁକ୍ତ ରଢ଼ି )

ରଚନା : ସନ୍ତାପବାଦ ଓ ଭାରତ

ମାନବ ସେବାରେ ବିଜ୍ଞାନ

## MATHEMATICS

- Repeat all the answers of first **three exercises**.
- Solve all the questions of **NCERT Exemplar Mathematics book**
- Solve all the given **Additional questions** for each lesson.
- N.B.: All the holiday home work must be solved in your **Mathematics Practice Copy** only.

## SCIENCE

### Biology

- Draw a neat labelled diagram of human digestive system, respiratory system, heart.
- **Inside questions :**
  - a. Name the blood vessels entering the heart and leaving the heart. Distinguish between them.
  - b. What does the term double circulation mean?
  - c. Draw the structure of chloroplast.
  - d. What are the three steps that take place during photosynthesis?
  - e. How do plants absorb energy from sun?
  - f. Why do plants die if their roots remain water logged for a considerable time?
  - g. How anaerobic respiration takes place in human beings?
  - h. Schematically represent the breakdown of glucose by various pathways.
- The inside questions given in the book (up to the taught portions)

### HOTS:

- Why do athletes like to be trained at high altitudes?
- What could be the problem if the inner lining of small intestine is smooth instead of having such foldings?
- I know that carbon dioxide and carbon monoxide bind to haemoglobin, yet the latter is more dangerous. Can you guess why is it so?
- Cooked rice appears to be tasteless, but when eaten tastes sweet and good. Why?

### Physics

- Prepare 50 Questions of your own with answers from Light-Reflection and Refraction

# Chemistry

- Learn & write chapter -1, notes & question answer
- **Extra Question :**
- Why is photosynthesis considered an endothermic reaction?
- Why should magnesium ribbon be cleaned before burning in air?
- What are anti-oxidants? Why are they added to fat and oil containing foods?
- Give an example of an oxidation reaction.
- Give an example of an oxidation-reduction reaction which is also:
- (a) a combination reaction (b) a displacement reaction

## HOT QUESTIONS

- When the solution of substance X is added to a solution of potassium iodide, then a yellow solid separates out from the solution.
  - (a) What do you think substance X is likely to be?
  - (b) Name the substance which the yellow solid consists of.
  - (c) Which characteristic of chemical reactions is illustrated by this example?
- When a green iron salt is heated strongly, its colour finally changes to brown and odour of burning sulphur is given out.
  - (a) Name the iron salt.
  - (b) Name the type of reaction that takes place during the heating of iron salt.
  - (c) Write a chemical equation for the reaction involved.

# SOCIAL SCIENCE

## History

- Nationalist movement in indo china :- do all very short , short, long question answer as already given in class.
- Learn all question answer class test which will be held after summer vacation.

## Economics

- Read chapter development and do all very short question
- Answer and text book questions.

## Geography and political science

- Do one marks question answer from the following chapters
  - Resources and development
  - Forest and resources /water resources
  - Agriculture
  - Power sharing
  - Federalism
- **Project : make a project on “DISASTER MANAGEMENT”.**
- **Do the map skill from geography.**

**COMPUTER SCIENCE**  
**(COMPUTER APPLICATION, CODE NO: 165)**

- Communication skill : Read and write one paragraph daily of your own or from a book
- Read parts of speech (English) and use in your own sentence.
- Read Tense , Read Articles, Read News Paper any such Relevant Magazine
- Practice / Learn Excel, chapter 1 (What is a Spreadsheet, a Workbook, Grid, no of Rows and no of Columns)
- Differentiate between the following
  - a. Web Site and Web Page
  - b. Static and Dynamic web page
  - c. Web Server and Web Client
  - d. LINKS and URL
- Define the following protocols
  - a. TCO/IP, SMTP, FTP, HTTP, POP3,HTTPS, SFTP, SCP, TELNET
- Create a simple web page defining different subject you read and the examination pattern.
- Prepare a result sheet in excel in the following format.

Roll No	Name	English	Math	Science	Computer	Total	Average	Result	Div.

Consider the following while preparing the Result Sheet

- a. The initial should be in Capital Letter of name column.
- b. Total of marks should be automatically calculated.
- c. Average of three subject should be automatically calculated
- d. Result pass or Fail should be displayed in the result column according to the condition of Average marks i.e. if avg is more than or equal to 40 then **Passed** should appear in the column else **Fail**.
- e. Division should appear in the column according to the avg of passed candidate

Such as 1.  $\geq 60$  then first

2.  $\geq 50$  and  $< 60$  then Second

3.  $\geq 40$  and  $< 50$  then Third